ABSTRACT OF THE DISCLOSURE

A rigid closed cell polyisocyanate-based foams is created by reacting at least one organic polyisocyanate with compounds having at least two active hydrogen atoms in the presence of an n-pentane blowing agent. When the foam is formed into a laminated board with facers, the foam formulation includes a sufficient amount of a common blend of cleaning solvent chemicals to cause a noticeable improvement in facer adhesion. The chemicals used to improve facer adhesion are a standard blend of industrial cleaning solvents called "Di-Basic Esters" or DBE. The actual chemical compounds in one mode of this mixture are the methyl esters of about 59% glutaric acid, about 20% succinic acid, and about 21% adipic acid. The minimum rate of addition of the Di-Basic Esters" [DBE] thought to be effective may be less than about 0.5 parts per hundred parts of polyol (pphpp). The currently preferred embodiments use add-on rates within the range of about 0.5 to about 5.0 pphpp, with the currently most preferred range being from about 1.0 to about 3.0 pphpp. The blend of cleaning chemicals employed by the present invention surprisingly enhance the adhesion between the foam and the facer.